# 8-Azabicyclo[3.2.1]octane, 3-[(10,11-dihydro-5H-dibenzo[a,d]cyclohepten-5-y endo-

**Other names:** Deptropine
3-[10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-yloxy]tropane
Dibenzheptropine
endo-3-[(10,11-Dihydro-5H-dibenzo[a,d]cyclohepten-5-yl)oxy]-8-methyl-8-azabicyclo[3.2.

**Inchi:** InChI=1S/C23H27NO/c1-24-18-12-13-19(24)15-20(14-18)25-23-21-8-4-2-6-16(21)10-11-

**InchiKey:** ZWPODSUQWXAZNC-UHFFFAOYSA-N

**Formula:** C23H27NO

**SMILES:** CN1C2CCC1CC(OC1c3ccccc3CCc3ccccc31)C2

**Mol. weight [g/mol]:** 333.47

**CAS:** 604-51-3

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -5.83 | | Crippen Method |
| logp | 4.516 | | Crippen Method |
| mcvol | 270.680 | ml/mol | McGowan Method |
| rinpol | 2650.00 | | NIST Webbook |
| rinpol | 2615.00 | | NIST Webbook |
| rinpol | 2650.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws

**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C604513&Units=SI

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**mcvol:** McGowan's characteristic volume

**rinpol:** Non-polar retention indices